

THE ODISHA STATE POLICE HOUSING & WELFARE CORPORATION LTD.**JANAPATH, BHOINAGAR, BHUBANESWAR - 22****[Electrical Division]****Ph: 0674-2541545, 2542921, Fax: 0674-2541543****E-mail :- pmelectricalophwc2025@gmail.com, Website: www.ophwc.com /www.ophwc.nic.in****PRICE BID FOR THE WORK UNDER SL. NO :- 07 AS PER IFB****NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO CHAKAPADA BUS STAND IN THE DISTRICT OF KANDHAMAL.****BID REF NO.-16/PM/ELECT/OPHWC/2025-26**

NAME & ADDRESS OF THE FIRM					
SCHEDULE OF WORKS					
Sl. No.	Description of work	Unit	Qty.	Estimated Cost in Rs.	
				RATE IN RS.	AMOUNT IN RS.
PART-I	3 phase 3W 11 KV line with 55 sq. mm XLPE Covered conductor -0.050 Km and 3 phase 3W 11 KV line with 55 sq. mm AAAC-0.130 Km				
1	11 Mtr Long (160x152)mm WPB GI Pole(30.44 Kg/mtr)with Base plate 300x300x12	No	5	34321.52	171607.60
2	10 Mtr Long GI Joist Pole (34.6 Kg/Mtr.)as stud pole	No	1	36849.00	36849.00
3	Back clamp for stud pole	No	4	113.60	454.40
4	11 KV V cross arm	No	3	1150.20	3450.60
5	Back clamp for 11 KV V cross arm	No	3	113.60	340.80
6	11 KV F clamp 2.9 Kg each	No.	3	340.80	1022.40
7	Disc insulator 45 KN (B&S) Polymer	No.	12	1221.20	14654.40
8	11 KV HW fitting (B&S)45 KN	No	9	369.20	3322.80
9	11 KV Pin insulator Polymer 320 CD polymer	No	15	284.00	4260.00
10	Earthing Device coil type for support/Pole	No	6	235.72	1414.32
11	No.8 GI wire(dia 4.6 mm)0.131 Kg/Mtr.,2 Mtr. For connecting pole with coil earthing	Kg	1.572	106.50	167.42
12	Danger Board	No	6	113.60	681.60
13	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	1.805	106.50	192.23
14	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	18	113.60	2044.80
15	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr.	Kg	7.222	106.50	769.14
16	55 sq. mm AAAC	Km	0.4017	42600.00	17112.42
17	PG clamp for 55 sq. mm AAAC	No	9	681.60	6134.40
18	55 sq. mm Insulated covered conductor	Km	0.1545	99740.00	15409.83
19	IPC for 11 KV conductor	No	3	550.00	1650.00

20	Tension assembly wedge type with Anchoring clamp for 11 KV covered conductor	No.	3	905.00	2715.00
21	Non metallic Ties 11 KV(for covered conductor)	No.	3	286.00	858.00
22	HT stay set (Complete)REC Construction standard	No.	3	1491.00	4473.00
23	HT stay Insulator, Type-C	No.	3	71.00	213.00
24	Stay clamp(1.9 Kg/Pair)	pair	3	177.50	532.50
25	7/10 SWG GI Saty wire, grade-2	Kg	30	106.50	3195.00
26	GI Nuts & Bolts	Kg	13.5	110.76	1495.26
27	100x50x6 mm GI channel for straight cross arm,1.2 Mtr. Each 10 Nos, & 0.3 Mtr. Long 5 Nos.including tapping point	Kg	99.36	106.50	10581.84
28	Fish Plate 50x8 mm,3.14 Kg/Mtr.,each 0.280 mtr. Length	Kg	15.072	106.50	1605.17
29	No.6/8 GI wire	Kg	30	106.50	3195.00
30	Straight channel -75x40x6 mm for st. cross arm 1.5 Mtr. Long @ 9.2 Kg/Mtr.(1 no. each for one cantilever arrangement(2 Nos.CA)	Kg	40.8	106.50	4345.20
31	Eye Hook	Nos.	4	85.20	340.80
32	GI Pipe earthing 40 Dia Medium gauge 3 mtrs long for earthing device	No	2	1491.00	2982.00
33	50x6 mm GI flat earthing	No	23.6	106.50	2513.40
34	Black paint	Ltr.	3	312.40	937.20
35	Yellow colour paint for background	Ltr.	6	212.77	1276.62
36	Sundries (clamp, connectors,Binding tape etc.)	LS	1	1000.00	1000.00
					323797.15
PART-II	Installation of 250 KVA 11/0.4KV sub station -1 No.				
1	11 Mtr Long (160x160)mm WPB GI Pole(30.44 Kg/mtr)	No	2	34321.52	68643.04
2	Earthing Device coil type GI	No	2	235.72	471.44
3	No.8 GI wire dia 4.6 mm ,0.131 Kg/Mtr.-2 mtr. Each pole connecting pole with coil earthing.	Kg	0.524	106.50	55.81
4	Top Pressure GI Channel 100x50x6mm each 2.8 mtr long,2 Nos(9.2K.g/mtr)	K.g	51.52	106.50	5486.88
5	Bracing Channel 75x40x6mm GI 2.8 Mtr. Long ,2 nos.(@6.8 Kg/Mtr.)	K.g	38.08	106.50	4055.52
6	Bracing Angle 75x40x6mm GI 2.8 Mtr. Long ,2 nos.(@4.5 Kg/Mtr.)	K.g	31.5	106.50	3354.75
7	AB switch &HG fuse mounting GI channel(75x40x6)mm,each 2.8mtr long 4 No(6.8Kg/mtr)	K.g	76.16	106.50	8111.04
8	Cantilever GI Channel for supporting HG Fuse,75x40x6mm.-1 Mtr. Long 2 Nos. (6.8kg./mtr.)	Kg.	13.6	106.50	1448.40

9	Cantilever GI angle for supporting HG Fuse 50x50x6mm MS Angle 1.5 mtr. Long 2 Nos. (4.5 kg./mtr.)	Kg.	13.5	106.50	1437.75
10	AB switch side support channel 100x50x6 mm ,9.2 Kg/Mtr.,each channel length 0.35 Mtr.,2 Nos required	Kg.	6.44	106.50	685.86
11	Channel support for down pipe 75x40x6 mm ,6.8 Kg/Mtr., each channel length 0.8 Mtr., 1 No. required.	K.g	5.44	106.50	579.36
12	GI angle for mounting LT Distribution Box 50x50x6 mm Angle,1.0 Mtr. Long,2 Nos. 4.5 Kg/Mtr. .	Kg.	9	106.50	958.50
13	11 KV Pin insulator Polymer	No	3	284.00	852.00
14	Disc insulator 45 KN (B&S) Polymer	No.	3	1221.20	3663.60
15	55 sq. mm Insulated covered conductor	Km	0.05	99740.00	4987.00
16	IPC for 11 KV 55 sq. mm Cover Conductor	No.	3	550.00	1650.00
17	Tension assembly wedge type with Anchoring clamp for 11 KV covered conductor	No.	3	905.00	2715.00
18	Fish Plate 50x8 mm,3.14 Kg/Mtr.,each 0.280 mtr. Length	Kg	2.638	106.50	280.95
19	11KV AB switch 3 pole(400 Amp, 50 Hz)	Set	1	16827.00	16827.00
20	11KV HG fuse 3 pole(400 Amp)with PI	Set	1	16372.60	16372.60
21	11 KV LA(9 KV, 10 KA)	No.	3	1419.49	4258.47
22	HT stay set (Complete)REC Construction standard	No.	4	1491.00	5964.00
23	HT stay Insulator, Type-C	No.	4	71.00	284.00
24	Stay clamp(1.9 Kg/Pair)	pair	4	177.50	710.00
25	7/10 SWG GI Saty wire, grade-2	Kg	40	106.50	4260.00
26	250 KVA, 11/0.4 KV (CU) Transformer with Tap changer BIS Energy Level-II	No	1	619789.28	619789.28
27	LT Distribution box with MCCB, Aluminium Bus bar for 3 bay with Kitkat Fuse for 250 KVA S/S	No	1	68160.00	68160.00
28	1Cx300 sq. mm LT XLPE cable 4 nos. 10 Mtr. Each	Mtr.	40	542.44	21697.60
29	GI Pipe earthing 40 Dia Medium gauge 3 mtrs long for earthing device	No	7	1491.00	10437.00
30	50x6 mm GI flat earthing	Kg	82.6	106.50	8796.90
31	Danger Board	No.	2	113.60	227.20
32	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	0.6018	106.50	64.09
33	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	6	113.60	681.60
34	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	2.407	106.50	256.35
35	GI Nuts, Bolts and washers of assorted size	Kg	25	110.76	2769.00
36	Black paint	Ltr.	1	312.40	312.40
37	Yellow colour paint for background	Ltr.	2	212.77	425.54

38	Sundries (clamp, connectors, Binding tape etc.)	LS	1	1500.00	1500.00
	A.Sub Total Rs.				893,229.92
PART-III	Construction of LT 3ph 5 W line using 3x50+1x35+1x16 sqmm XLPE AB Cable=0.132 Km				
1	9 Mtr Long 300 KG PSC Pole	No	5	4260.00	21300.00
2	RCC Base Plate	No	5	361.34	1806.70
3	L.T Stay set (Complete)	Set	4	738.40	2953.60
4	L.T Stay Insulator	No.	4	42.60	170.40
5	L.T Stay Clamp(1.4 K.g/Pair)	Pair	4	156.20	624.80
6	7/12 SWG Stay Wire	Kg	32	106.50	3408.00
7	3x50+1x35+1x16 sqmm XLPE AB Cable	Mtr.	138.60	198.80	27553.68
8	Pole clamp for eye Hook for XLPE cable	No	9	284.00	2556.00
9	Dead end clamp suitable for XLPE cable	No	8	177.50	1420.00
10	Suspension clamp with I Hook	No.	1	482.80	482.80
11	Earthing Device coil type GI	No	5	235.72	1178.60
12	No. 8 GI wire (dia 4.6 mm)0.131 Kg/Mtr.-2 Mtr. For connecting pole with coil earthing	Kg	1.31	106.50	139.52
13	GI Nuts, Bolt and washer	Kg	3	110.76	332.28
14	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	15	113.60	1704.00
15	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	6.018	106.50	640.92
16	Danger Board	No.	5	113.60	568.00
17	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. ,1No.	Kg	1.505	106.50	160.28
18	Black paint	Ltr.	2.5	312.40	781.00
19	Yellow colour paint for background	Ltr.	5	212.77	1063.85
20	Sundries (clamp, connectors, Binding tape etc.)	LS	1	500.00	500.00
					69344.42
	A.Sub Total Rs.				1,286,371.50
B	Stock,storage and insurance (@3% on A)				38591.14
C	TOTAL RS.				1324962.64
D	T&P @ 2% of C				26499.25
E	Contingency @ 3% of C				39748.88
F	Transportation @ 7.5% of C				99372.20
G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				88500.39
H	TOTAL RS.				1579083.36
21	Concreting of 11 Mtr. WPB Pole in ratio 1:1:5:3(500x500x1800 mm)=0.55 cum+Couping in ratio 1:1:5:3=0.1125 Cum @6648.85	Nos.	7	3739.98	26179.86
22	Concreting of Poles in ratio 1:1:5:3 for 9M/8M PSC Pole,0.375 Cum	No	5	2493.32	12466.60

23	Couping of poles in ratio 1:1:5:3 for PSC pole 0.1125 Cum	No	5	748.00	3740.00
24	Stay concreting in ratio(1:2:4)as per TPCODL specification and drawing =0.2 cum	Nos.	12	1329.77	15957.24
25	Materials for earthing including massonary work for eathpit & cement plate cover with salt, charcoal etc.	No	9	1600.00	14400.00
26	Plinth for installation of 250 KVA DTR	Nos.	1	32181.60	32181.60
27	Construction of Boundary wall for fencing of DPM S/S in the size 3x3 Mtr. @ 7300.12/RM considering height above ground depth -1.2 mtr. Including the cost of fabrication ,installation of MS Gate(1.5x1.65)(as per TPSODL specification)	Nos.	18	7300.12	131402.16
28	Survey and digitization of New DSS and its internals including attributes.	Nos.	1	6883.00	6883.00
29	Survey of incremental / delta network and assets changes of LT network and updatation in GESW database.	Km	0.132	9633.00	1271.56
30	Survey of incremental / delta network and assets changes of HT network and updatation in GESW database.	Km	0.18	9633.00	1733.94
	Sub Total Rs.				1,825,299.32
	Cess @ 1%				18,252.99
	Total Estimated Cost				1,843,552.31
	Total Estimated Cost in Figures				1,843,552.00
EXCESS	☐ LESS ☐ (Please Tick)	_____%			
Quoted Amount in Figure					
Quoted Amount in word					

N:B- The Estimated cost is exclusive of GST .

Signature of Tenderer with seal

**Sd/-
Asst. Project Manager (Elect)**

**Sd/-
Dy. Manager (Elect)**

**Sd/-
Project Manager (Elect)**